

TEXAS DEPARTMENT OF INSURANCE

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PRODUCT EVALUATION

WIN-1777

Effective Date: September 1, 2013

Reevaluation Date: **August 2016**

The following product has been evaluated for compliance with the wind loads specified in the **International Residential Code (IRC)** and the **International Building Code (IBC)**.

This product evaluation is not an endorsement of this product or a recommendation that this product be used. The Texas Department of Insurance has not authorized the use of any information contained in the product evaluation for advertising, or other commercial or promotional purpose.

This product evaluation is intended for use by those individuals who are following the design wind load criteria in Chapter 3 of the IRC and Section 1609 of the IBC. The design loads determined for the building or structure shall not exceed the design load rating specified for the products shown in the limitations section of this product evaluation. This product evaluation does not relieve a Texas licensed engineer of his responsibilities as outlined in the Texas Insurance Code, the Texas Administrative Code, and the Texas Engineering Practice Act.

Integrity Fiberglass Clad Wood Round Top Fixed Windows, New Construction and Replacement Construction, Non-Impact Resistant, manufactured by

Integrity from Marvin Windows and Doors

1320 9th Street NE

West Fargo, North Dakota

Telephone: (800) 587-2712

General Description:

System	Description	Label Rating	Design Pressure Rating
1	Fiberglass Clad Wood Round Top Fixed Window	LC-PG50 83 x 72 FW-LC50 83 x 72	± 50 psf
2	Fiberglass Clad Wood Round Top Fixed Window	LC-PG50 75 x 37 FW-LC50 75 x 37	± 50 psf
3	Fiberglass Clad Wood Round Top Fixed Window	LC-PG50 72 x 83 FW-LC50 72 x 83	± 50 psf
4	Fiberglass Clad Wood Round Top Fixed Window	LC-PG50 56 x 29 FW-LC50 56 x 29	± 50 psf

Product Dimensions:

System	Overall Size
1	83.50" x 72.88"
2	75.00" x 37.50"
3	72.00" x 83.13"
4	56.00" x 29.13"

Product Identification (Certification Agency Label on Window):

System	Certification Agency	WDMA
1, 2, 3, 4	Manufacturer's Name or Code Name	Integrity from Marvin Windows and Doors
	Product Name	Integrity Round Top by Marvin
	Test Standards	AAMA/WDMA/CSA 101/I.S.2/A440-05; AAMA/WDMA/CSA 101/I.S.2/A440-08

Impact Resistance:

Impact Resistant	Requirement
No	Impact protective system required when product is installed in areas where windborne debris protection is required

Installation:

Systems 1 and 3: The wood wall framing members shall be minimum Spruce-Pine-Fir dimension lumber. The window assembly is secured to the wall framing using the window nailing fin and with structural brackets. The nailing fin is secured to the wall framing with minimum 2" long 11 gauge smooth shank roofing nails. The fasteners are spaced approximately 6 inches from each corner and 8 inches on center along the perimeter of the window. The structural bracket (6" or 10" long x 1.563" wide x 0.050" thick galvanized steel) is secured to the window with two (2) No. 7 x 5/8" screws and to the wall framing with two (2) minimum No. 8 x 1-1/4" screws. The structural brackets are spaced approximately 6 inches from each corner and approximately 12 inches on center along perimeter of the window. All fasteners shall be long enough to penetrate a minimum of 1-1/2 inches into the wall framing members.

Systems 2 and 4: The wood wall framing members shall be minimum Spruce-Pine-Fir dimension lumber. The window assembly is secured to the wall framing using the nailing fin of the window with minimum 2" long 11 gauge smooth shank roofing nails. The fasteners are spaced approximately 6 inches from each corner and 8 inches on center along the perimeter of the window. All fasteners shall be long enough to penetrate a minimum of 1-1/2 inches into the wall framing members.

Note: The manufacturer's installation instructions shall be available on the job site during installation. All fasteners shall be corrosion resistant as specified in the International Residential Code (IRC), the International Building Code (IBC), and the Texas Revisions.